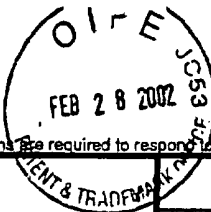


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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)						Application Number	
						Filing Date	
						First Named Inventor	Kurt H. Ruppman, Sr.
						Group Art Unit	
						Examiner Name	
Sheet	1	of	2	Attorney Docket Number	P-A912		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4064112		Rothe et al.	12-20-1977	
		4092458		Hoffman	05-30-1978	
		4230819		Hauenstein et al.	10-28-1980	
		4609721		Kirshenbaum et al.	09-02-1986	
		4764323		Al Ghatta	08-16-1988	
		5286187		Niimi et al.	02-15-1994	
		5286435		Slutsker et al.	02-15-1994	
		5340884		Mills et al.	08-23-1994	
		5531060		Fayet et al.	07-02-1996	
		5648032		Nelson et al.	07-15-1997	
		5656719		Stibal et al.	08-12-1997	
		5980797		Shelby et al.	11-09-1999	
		6099778		Nelson et al.	08-08-2000	
		6113997		Massey et al.	09-05-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>8</sup>
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Application Number

Filing Date

**First Named Inventor**

Kurt H. Ruppman, Sr.

**Group Art Unit**

Examiner Name \_\_\_\_\_

Attorney Docket Number

P-A912

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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